

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER P56907-INT
INTERNATIONAL APPLICATION NO. PCT/US2003/037086	INTERNATIONAL FILING DATE 11 December 2003	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 107545135
TITLE OF INVENTION LOW PRESSURE DROP DEEP ELECTRICALLY ENHANCED FILTER		
APPLICANT(S) FOR DO/EO/US Rajan A. JAISINGHANI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. Contained in the Declaration. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: * A copy of WO 2005/035133 A1 and the annexes of the International Preliminary Examination Report 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DT09 Rec'd PCT/PTO 10 AUG 2005

PTO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107545135		INTERNATIONAL APPLICATION NO. PCT/US2003/037086		ATTORNEY'S DOCKET NUMBER P56907-INT																									
<p>21. The following fees are submitted:</p> <table> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee.....</td> <td>\$300.00</td> <td colspan="2"></td> <td>Applicant use</td> <td>Office use only</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee.....</td> <td>\$200.00</td> <td colspan="2"></td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee.....</td> <td>\$500.00</td> <td colspan="2"></td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td> <td colspan="3">\$1000.00</td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p>						<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00			Applicant use	Office use only	<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00			\$ 300.00		<input checked="" type="checkbox"/> c) Search fee.....	\$500.00			\$ 200.00		TOTAL OF ABOVE CALCULATIONS =			\$1000.00		
<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00			Applicant use	Office use only																								
<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00			\$ 300.00																									
<input checked="" type="checkbox"/> c) Search fee.....	\$500.00			\$ 200.00																									
TOTAL OF ABOVE CALCULATIONS =			\$1000.00																										
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE																									
62 - 100 =	/50 =			x \$250.00	\$ n/a																								
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																													
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE																									
Total claims		24 - 20 =	4	x \$50.00	\$ 200.00																								
Independent claims		4 - 3 =	1	x \$200.00	\$ 200.00																								
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$ n/a																								
			TOTAL OF ABOVE CALCULATIONS =		\$ 1,000.00																								
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.			\$ 500.00																										
			SUBTOTAL =		\$ 500.00																								
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			+ \$ n/a																										
			TOTAL NATIONAL FEE =		\$ 500.00																								
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+ \$ n/a																										
			TOTAL FEES ENCLOSED =		\$ 500.00																								
			Amount to be refunded:		\$																								
			Amount to be charged		\$																								
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>500.00</u> to cover the above fees is enclosed. (Check #49449)</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4943</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																													
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																													
SEND ALL CORRESPONDENCE TO:																													
																													
SIGNATURE																													
Robert E. Bushnell																													
NAME																													
27,774																													
REGISTRATION NUMBER																													

D709 Rec'd PCT/PTO 10 AUG 2005

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

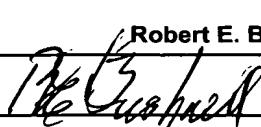
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FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete if Known

10/545135
to be assigned

TOTAL AMOUNT OF PAYMENT		(\$) <u>500.00</u>		Attorney Docket No.			P56907-INT	
METHOD OF PAYMENT (check one)				FEE CALCULATION				
1. ■ Payment Enclosed: (CHECK #49449) <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other				Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	
				MISCELLANEOUS				
				1801 \$790	2801 \$395	Request for continued examination (RCE)	\$	
				1806 \$180		Submission of an IDS	\$	
				1814 \$130	2814 \$65	Statutory disclaimer	\$	
				8021 \$40		Recordation of assignment per property	\$	
				TRADEMARK				
				6001/7001	\$335	Application for registration, per class	\$	
				6002/7002	\$100	Amendment to Allege Use, per class	\$	
				6003/7003	\$100	Statement of Use, per class	\$	
				6004/7004	\$150	Request for six-month extension of time, per class	\$	
				6205/7205	\$100	\$8 affidavit, per class	\$	
				6208/7208	\$200	\$15 affidavit, per class	\$	
				6201/7201	\$400	Application for renewal, per class	\$	
				6403/7403	\$100	Ex parte appeal, per class	\$	
				PETITION				
				1462	\$400	Petitions to Director (Group I)	\$	
				1463	\$200	Petitions to Director (Group II)	\$	
				1464	\$130	Petitions to Director (Group III)	\$	
				1452 \$500	2452 \$250	Petitions to revive unavoidably abandoned application	\$	
				1453 \$1500	2453 \$750	Petitions to revive unintentionally abandoned application	\$	
				PATENT MAINTENANCE				
				1551 \$900	2551 \$450	Due at 3.5 years	\$	
				1552 \$2300	2552 \$1150	Due at 7.5 years	\$	
				1553 \$3800	2553 \$1900	Due at 11.5 years	\$	
Other Fee (specify) _____				\$	Other Fee (specify) <u>1631/2631 Basic National Stage Fee</u>			\$150.00
Other Fee (specify) _____				\$	Other Fee (specify) <u>1641/2641 National Stage Search Fee</u>			\$50.00
Other Fee (specify) _____				\$	Other Fee (specify) <u>1633/2633 National Stage Examination Fee</u>			\$100.00
SUBTOTAL: LEFT COLUMN			\$200.00	SUBTOTAL: RIGHT COLUMN			\$300.00	
SUBMITTED BY					Complete (if applicable)			
Typed or Printed Name		Robert E. Bushnell, Esq.			Reg. Number	27,774		
Signature				Date	10 August 2005	Deposit Account User ID		

REB/ny

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10/545135

DT09 Rec'd PCT/PTO 10 AUG 2005

PATENT
P56907-INT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Rajan A. JAISINGHANI

Serial No.: *to be assigned*

Examiner: *to be assigned*

International Application No.: PCT/US2003/037086

Filed: 10 August 2005

Art Unit: *to be assigned*

International Filing Date: 11 December 2003

For: LOW PRESSURE DROP DEEP ELECTRICALLY ENHANCED FILTER

TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT &
ANNEX

Mail Stop : PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the International Preliminary Examination Report and the Annex for the above-referenced application.

Respectfully submitted,



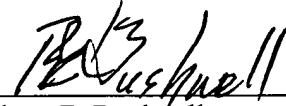
Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

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Washington, D.C. 20005
(202) 408-9040

Folio: P56907-INT
Date: 10 August 2005
I.D.: REB/ny

In view of the above, entry and consideration by the Examiner of the references cited in the accompanying PTO-1449 are respectfully requested.

Respectfully submitted,



Robert E. Bushnell
Reg. No.: 27,774

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Folio: P56907-INT
Date: 8/10/05
I.D.: REB/ny